

Attorney Docket No.: 409512

AMENDMENTS TO THE SPECIFICATION

Please amend the abstract as follows:

~~The invention provides a smart sensor in the form of an adhesive bandage. The sensor may be used in many applications such as within sports, the shipping industry and medical and health industries. The sensor sticks to people and objects and wirelessly communicates with remote receivers. Internal detectors sense conditions associated with movement and/or the environment of the sensor. In one example, an accelerometer detects impact and drop distance of a package in transit; the sensor is either within a label or attached to a product within the package. The sensor may also prevent theft and assist in tracking package disposition so as to reduce lost packages. The sensors of the invention may also be used in fitness and health, such as to monitor body functions of heart rate and respiration; these sensors also may initiate immediate wireless warnings for improper functions so that persons may obtain immediate assistance. Sensors of the invention are also useful for sports media broadcasts; multiple sensors may attach to athletes so that wireless performance data is made available, in near real time, to audiences and media observers. Data from sensors of the invention may also change the computer gaming community; that is, certain sensors tracking real performance data may relay information used within gaming so as to govern computer gaming motions. Typically, sensors of the invention communicate by an RF transmitter or transceiver. Groups of sensors may be combined within a common canister that imparts date and time information and "power on" when dispensed. A method establishes product integrity after shipment from one location to another location by: attaching one or more smart sensors directly to the product, monitoring environmental conditions of the product via the sensors and during shipment, wirelessly communicating the conditions from the sensors to a receiver at the second location, and communicating the conditions from the receiver to a third location. A system determines integrity of a product through shipment, including: one or more smart sensors for attachment to the product and an interrogating device, the sensors monitoring environmental conditions of the product during shipment and wirelessly communicating data about the conditions to the interrogating device during or after shipment, the interrogating device communicating the conditions over a network.~~

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Please amend paragraph [0001] as follows:

This application is a continuation of commonly-owned and copending application serial number 10/297,270 filed December 4, 2002, which claims priority to PCT Application No. PCT/US01/51620, filed December 17, 2001 and to the following six U.S. provisional applications: U.S. Provisional Application No. 60/256,069, filed December 15, 2000; U.S. Provisional Application No. 60/257,386, filed December 22, 2000; U.S. Provisional Application No. 60/259,271, filed December 29, 2000; U.S. Provisional Application No. 60/261,359, filed January 13, 2001; U.S. Provisional Application No. 60/285,032, filed April 19, 2001; and U.S. Application No. 60/323,601, filed September 20, 2001. The foregoing applications are expressly incorporated herein by reference.

Please amend paragraph [0002] as follows:

The invention relates to sensing systems monitoring applications ~~in sports, shipping, training, medicine, fitness, wellness~~ and industrial production. ~~The invention specifically relates to sensing and reporting events associated with movement, environmental factors such as temperature, health functions, fitness effects, and changing conditions.~~